

INVITATION TO BID		CITY OF BATON ROUGE PARISH OF EAST BATON ROUGE PURCHASING DIVISION		RESPONSES MUST BE RECEIVED BY: 10/22/2020 11:00 AM CST	
TITLE: NEW DUAL THERMOPLASTIC PRE-MELTER TRAILER PACKAGE WITH THERMOPLASTIC APPLICATOR			RETURN BID TO: PURCHASING DIVISION		
FILE NO: 9936-20 REQ NO: RQ9936 AD DATES: 10/02 & 10/09			<u>Mailing Address:</u> PO Box 1471 Baton Rouge, LA 70821		<u>Physical Address:</u> 222 St. Louis Street 8 th Floor Room 826 Baton Rouge, LA 70802
SHIP TO ADDRESS: City of Baton Rouge Public Works Central Garage 333 Chippewa Street Baton Rouge, LA 70805			Contact Regarding Inquiries: Purchasing Analyst Arvin F. Jones Telephone Number: 225-389-3259 x 310 Email: afjones@brla.gov		
VENDOR NAME			MAILING ADDRESS		
REMIT TO ADDRESS			CITY, STATE, ZIP		
TELEPHONE NO.		FAX NO.	E-MAIL		
FEDERAL TAX ID OR SOCIAL SECURITY NUMBER			TITLE		
AUTHORIZED SIGNATURE			PRINTED NAME		
QUESTIONS TO BE COMPLETED BY VENDOR: 1. _____ STATE DELIVERY DAYS MAXIMUM AFTER RECEIPT OF ORDER 2. _____ % discount for payment made within 30 days. Discount for payment made in less than 30 days, or less than 1%, or applicable to an indefinite quantity contract will be accepted but not an award consideration. 3. _____ STATE ENUMERATED ADDENDA RECEIVED (IF ANY)					

F.O.B.: DESTINATION - PAYMENT TERMS: NET 30

ALL BLANKS ON THIS PAGE SHOULD BE COMPLETED TO AVOID REJECTION OF BID

The signature on this document certifies that proposer has carefully examined the instructions to bidders, terms and specifications applicable to, and made a part of this solicitation. By submission of this document, proposer further certifies that the prices shown are in full compliance with the conditions, terms and specifications of this solicitation.

No alterations, changes or additions are allowed on this solicitation, and no additional information, clarifications or other documents are to be included unless specifically required by the specification. Any errors in extensions of prices will be resolved in favor of unit prices submitted.

If services are to be performed in East Baton Rouge City-Parish, evidence of a current occupational license and/or permit issued by the City-Parish shall be supplied by the successful vendor, if applicable.

INSTRUCTIONS TO BIDDERS / TERMS & CONDITIONS - SEALED BIDS

Bidders are urged to promptly review the requirements of this specification and submit questions for resolution as early as possible during the bid period. Questions or concerns must be submitted in writing to the purchasing division during the bid period. Otherwise, this will be construed as acceptance by the bidders that the intent of the specifications is clear and that competitive bids may be obtained as specified herein. Protests with regard to the specification documents will not be considered after bids are opened.

1. Read the entire bid, including all terms and conditions and specifications.
2. Bids are mailed only as a courtesy. The City - Parish does not assume responsibility for failure of bidders to receive bids. Bidders should rely only on advertisements in the local newspaper, and should personally pick up bids and specifications. Full information may be obtained, or any questions answered, by contacting the Purchasing Division, 222 Saint Louis Street, 8th Floor, Room 826, Baton Rouge, LA 70802 or by calling (225) 389-3259. **The City will not accept fax proposals or proposals sent via e-mail. All faxed or e-mailed proposals shall be rejected and returned**
3. The bid number, bidder's name, address and bid opening date should be clearly printed or typed on the outside of the bid envelope. Only one bid will be accepted from each bidder for the same job. Alternates will not be accepted unless specifically requested in the proposal. Submission of more than one bid or alternates not requested may be grounds for rejection of all bids by the bidder.
4. The method of delivery of bids is the responsibility of the bidder. All bids must be received by the Purchasing Division on or before the specified bid opening date and time. Late bids will not be considered under any circumstances.
5. Failure to deliver within the time specified in the bid will constitute a default and may cause cancellation of the contract. Where the city has determined the contractor to be in default, the city reserves right to purchase any or all products or services covered by the contract on the open market and to charge the contractor with cost in excess of the contract price. Until such assessed charges have been paid, no subsequent bid from the defaulting contractor will be considered.
6. The City Parish specifically reserves the right to evaluate bids and award items separately, grouped or on an all or none basis, to accept the bid which is in the best interest of the City parish, and to reject all proposals if that is in the best interest of the City Parish.
7. Except for bids submitted through the www.bidexpress.com on-line bidding site, bids shall be accepted only on bid forms furnished by the City of Baton Rouge and Parish of East Baton Rouge Purchasing Division. Altered or incomplete bids (including non-acknowledgement of addenda issued, if any), or the use of substitute forms or documents, shall render the bid non-responsive and subject to rejection.
8. All bids must be typed or written in ink. Any erasures, strikeover and/or changes to prices should be initialed by the bidder. Failure to initial may be cause for rejection of the bid as non-responsive.
9. All bids must be manually signed by a properly authorized party. Failure to do so shall cause the bid to be rejected as non-responsive.
10. Where one or more vendor's exact products or typical workmanship is designated as the level of quality desired or equivalent, the Purchasing Division reserves the right to determine the acceptability of any equivalent offered.
11. Detailed factory specifications, illustrative literature and any deviations should be submitted with bid as required by the specifications or on the bid form. Representative samples shall be submitted upon request, if appropriate. Bidders proposing an equivalent brand or model should submit with the bid information (such as illustrations, descriptive literature, and technical data) sufficient for the City to evaluate quality, suitability, and compliance with the specifications in the solicitation.
12. Written addenda issued prior to bid opening which modifies the bid shall become a part of the bid, and shall be incorporated within the purchase order and/or contract. Only a written interpretation or correction by Addendum shall be binding. Bidders shall not rely upon any interpretation or correction given by any other method. Failure to acknowledge receipt of addenda (if any) shall render the bid non- responsive and subject to rejection.

13. For Printing solicitations, artwork, dies and/or molds shall become the property of the City - Parish Government and must be returned to the Purchasing Division, 222 Saint Louis Street, 8th Floor, Room 826, Baton Rouge, LA 70802, upon completion of the order.
14. All applicable chemicals, herbicides, pesticides and hazardous materials must be registered for sale in Louisiana by the Department of Agriculture, State of Louisiana, registered with the EPA and must meet all requirements of Louisiana State Laws. Bidders must submit product label, material safety data sheet and EPA registry number with bid. This information will be required on any subsequent deliveries if there is a change in chemical content or a different product is being supplied. Failure to submit this data may be cause for the bid to be rejected or the contract canceled.
15. Delivery of items must be made on time to City - Parish final destinations within East Baton Rouge Parish. All freight charges shall be prepaid by vendor. Late deliveries or unsatisfactory performance may be cause to cancel the Purchase Order or contract.
16. The State of Louisiana Code of Governmental Ethics places restrictions on awarding contracts or purchase orders to persons who are employed by any agency of the City - Parish Government, or any business of which he or his spouse has more than a twenty-five percent (25%) interest. The Code also prescribes other restrictions against conflict of interest and establishes guidelines to assure that appropriate ethical standards are followed. If any question exists regarding potential violation of the Code of Ethics, bidders should contact the Purchasing Division prior to submission of the bid. Any violation of the Code of Ethics shall be grounds for disqualification of bid or cancellation of contract.
17. All Prices bid shall remain in effect for a period of at least sixty (60) days. City - Parish purchases are excluded from state and local taxes.
18. Acceptance of award by vendor, either in writing or by shipment of any article described herein, shall effectuate a contract between City - Parish and vendor for the materials described herein, and no additional conditions or amendments shall have any effect unless approved in writing by City - Parish.
19. Bidders may attend the bid opening, but no information or opinions concerning the ultimate contract award will be given at the bid opening or during the evaluation process. Information pertaining to completed files may be secured by visiting the EBR City Parish Purchasing office during normal working hours.
20. The City - Parish is an equal opportunity employer, and does not discriminate against anyone on the basis of race, sex, creed, color, religion, national origin, ancestry, reprisal, disability, sexual orientation, marital status or political affiliation.
21. In accordance with Louisiana Revised Statutes, a preference may be allowed for equivalent products produced, manufactured or grown in Louisiana and/or firms doing business in the State of Louisiana. Do you claim this preference if allowed? YES ____ NO _____. If this preference is claimed, attach substantiating information to the proposal to show the basis for the claim.
22. Right To Audit Clause: The Contractor shall permit the authorized representative of the City-Parish to periodically inspect and audit all data and records of the Contractor relating to his performance under this contract.
23. Terms and Conditions: This solicitation contains all terms and conditions with respect to the purchase of the goods and/or services specified herein. Submittal of any contrary terms and conditions may cause your bid to be rejected. By signing and submitting a bid, vendor agrees that contrary terms and conditions which may be included in their bid are nullified; and agrees that this contract shall be construed in accordance with this solicitation and governed by the laws of the State of Louisiana as required by Louisiana Law.
24. In accordance with the provisions of LA. R.S. 38:2212.9, in awarding contracts after August 15, 2010, any public entity is authorized to reject the lowest bid from, or not award the contract to, a business in which any individual with an ownership interest of five percent or more has been convicted of, or has entered a plea of guilty or **Nolo Contendere** to any state felony crime or equivalent federal felony crime committed in the solicitation or execution of a contract or bid awarded under the laws governing public contracts under the provisions of Chapter 10 of this Title, professional, personal, consulting, and social services procurement under the provisions of Chapter 16 of Title 39 of the Louisiana Revised Statutes of 1950, or the Louisiana Procurement Code under the provisions of Chapter 17 of Title 39 of the Louisiana Revised Statutes of 1950.

25. Certification of no suspension or debarment. By signing and submitting any bid for \$25,000 or more, the bidder certifies that their company, any subcontractors, or principals are not suspended or debarred by the general services administration (GSA) in "Audit Requirements In subpart F of the Office of Management and Budget's uniform administrative requirements, cost principles, and audit requirements for federal awards" (Formerly OMB circular a-133).

A list of parties who have been suspended or debarred can be viewed via the internet at <http://www.sam.gov>.
26. Bid prices shall include delivery of all items F.O.B. destination or as otherwise provided. Bids containing "Payment in Advance" or "C.O.D. requirements may be rejected. Payment is to be made within 30 days after receipt of properly executed invoice or delivery, whichever is later.
27. Bidders may attend the bid opening, but no information or opinions concerning the ultimate contract award will be given at the bid opening or during the evaluation process. Bids may be examined within 72 hours after bid opening. Information pertaining to completed files may be secured by visiting the Purchasing Division during normal working hours. Written bid tabulations may be accessed at: <http://city.brla.gov/dept/purchase/bidresults.asp>.
28. Bidders or their authorized representatives are invited via teleconference with the information below on the date and time of this bid opening joining by phone +1-408-418-9388 United States Toll Access code: 263 373 080 (followed by the # button).
- 29.
30. Alternate numbers to call if number above is not available, which may occur due to network traffic (use the same Access Code, followed by the # button):
 31. United States Toll (Boston) +1-617-315-0704
 32. United States Toll (Chicago) +1-312-535-8110
 33. United States Toll (Dallas) +1-469-210-7159
 34. United States Toll (Denver) +1-720-650-7664
 35. United States Toll (Jacksonville) +1-904-900-2303
 36. United States Toll (Los Angeles) +1-213-306-3065
37. This teleconference number will provide you with live audio access to this bid opening. The link will be live at the noted bid opening time for the date of bid opening
38. Contractor agrees, upon receipt of written notice of a claim of a claim or action, to defend the claim or action, or take other appropriate measure, to indemnify, and hold harmless, the city, its agents and employees from and against all claims and actions for bodily injury, death or property damages caused by fault of the contractor, its officers, its agents, or its employees. Contractor is obligated to indemnify only to the extent of the fault of the contractor, its officers, its agents, or its employees, however the contractor shall have no obligation as set forth with respect to any claim or action from bodily injury, death or property damages arising out of the fault of the City, its officers, its agents, or its employees.
39. In accordance with Louisiana Law (R.S. 12:262.1 and 12:1308.2), all corporations and limited liability companies must be in good standing with the Louisiana Secretary of State at the time of execution of the contract.
40. Vendors submitting signed bids agree to EEOC compliance and certify that they agree to adhere to the mandates dictated by Title VI and VII of the Civil Right Act of 1964, as amended by the Equal Opportunity Act of 1972, Federal Executive Order 11246, the Federal Rehabilitation Act of 1973, as amended, the Vietnam Era Veteran's Readjustment Assistance Act of 1974, Title IX of the Education Amendments of 1972, the Age Act of 1975, and agrees to abide by the requirements of the Americans with Disabilities Act of 1990.

Bidders must agree to keep informed of and comply with all federal, state and local laws, ordinances and regulations which affect their employees or prospective employees.
41. The City of Baton Rouge, Parish of East Baton Rouge launched a new Enterprise Resource Planning (ERP) system, Vendor Self Service (VSS) via Munis. VSS replaced the legacy vendor database and will be used by all departments and agencies citywide.

Vendor Self-Service (VSS) enables vendors to register and maintain information about their organization for the purpose of doing business with City-Parish and receive notifications of business opportunities. The City-Parish procurement activities are subject to the State of Louisiana Public Bid Law, local city-parish ordinances as well as applicable federal statutes as directed by grant providers. Vendors must be registered to receive bid notifications.

New vendors or existing vendors who need to create a VSS account can do so clicking the Registration link at <http://brla.gov/vss>. Vendors are encouraged to review the step by step <https://www.brla.gov/DocumentCenter/View/4899/Vendor-Self-Service-Registration-Guide-PDF> before beginning the registration process which may be assessed at <https://www.brla.gov/DocumentCenter/View/4899/Vendor-Self-Service-Registration-Guide-PDFide>.

Additional information regarding how to do business with EBR City-Parish is available at: <https://www.brla.gov/DocumentCenter/View/678>.

We also post our scheduled bid openings, as well as unofficial bid tabulations after the bids have opened at <http://city.brla.gov/dept/purchase/bids.asp>.

Note: Commodity codes are required for setting up your profile. These numbers tell us what commodities and services that you can provide. When agencies request products or services, our buyers pull directly from these numbers to send out solicitations, bids, and quotes. The first 3 numbers are the class numbers; the subclasses are two digit numbers that better describe the commodity or service. For questions regarding commodity codes, please contact purchasing at (225) 389-3259 Ext 0.

Important! - A W-9 Form is required in order to do business with City-Parish. Part of the online enrollment process requires you to upload a completed W-9 form. Please have the completed form in an electronic format so that you can submit it as part of the registration process. The W-9 form can be downloaded from the IRS website. We have created step by step directions on how to properly complete the W-9 Form.

FEDERAL CLAUSES, IF APPLICABLE.

I. Remedies for Breach

Bidder acknowledges that contracts in excess of the simplified purchase threshold (\$150,000.00) shall contain provisions allowing for administrative, contractual, or legal remedies for contractor breaches of the contract terms, and shall provide for such remedial actions as appropriate.

II. Termination and Settlement

Bidder acknowledges that contracts in excess of \$10,000.00 shall contain termination provisions including the manner in which termination shall be effected and the basis for settlement. In addition, such provisions shall describe conditions for termination due to fault and for termination due to circumstances outside of the contractors' control.

III. Access to Records

Bidder acknowledges that all contracts (except those for less than the small purchase threshold) shall include provisions authorizing the recipient, US Funding Agency, the Comptroller General, or any of their duly authorized representatives access to all books, documents, papers, and records of the contractor which are directly pertinent to a specific program for the purpose of making audits, examinations, excerpts, and transcriptions.

IV. Equal Employment Opportunity

Bidder acknowledges that all contracts shall contain provisions requiring compliance with

E.O. 11246, "Equal Employment Opportunity," as amended by E.O. 11375, "Amending Executive Order 11236 Relating to Equal Employment Opportunity," and as supplemented by regulations at 41 CFR part 60, "Office of Federal Contract Compliance Programs, Equal Employment Opportunity, Dept. of Labor.

V. Copeland "Anti-Kickback" Act

Bidder acknowledges that all construction/repair contracts and sub-grants in excess of \$2,000 shall include provisions requiring compliance with the Copeland "Anti-kickback" Act (18 U.S.C. §3141-3148), which provides that each contractor or sub-recipient shall be prohibited from inducing any person employed in the construction, completion, or repair of public work, to give up any part of the entitled.

VI. Davis-Bacon Act

Bidder acknowledges that all construction contracts in excess of \$2,000 shall include a provision for compliance with the Davis-Bacon Act, which requires contractors to pay laborers and mechanics wages at a rate not less than the minimum wages specified in a wage determination made by the Secretary of Labor. Additionally, contractors shall be required to pay wages not less than once a week.

VII. Contract Work Hours and Safety Standards Act

Bidder acknowledges that all construction contracts in excess of \$2,000, and all other contracts involving the employment of mechanics or laborers in excess of \$2,500 shall include provisions for compliance with sections 102 and 107 of the Contract Work Hours and Safety Standards Act, which requires each contractor to compute the wages of every mechanic and laborer on the basis of a standard work week of 40 hours. Work in excess of the standard work week is permissible provided that the worker is compensated at a rate of not less than one and one-half times the basic rate of pay for all hours worked in excess of 40 hours. Section 107 is applicable to construction work and provides that no laborer or mechanic shall be required to work in surroundings or under working conditions that are unsanitary, hazardous, or dangerous.

VIII. Rights to Inventions Made Under a Contract or Agreement

Bidder acknowledges that contracts for the performance of experimental, developmental, or research work shall include provisions providing for the rights of the Federal Government and the recipient in any resulting invention in accordance with 37 CFR part 401, "Rights to Inventions Made by Nonprofit Organizations and the Small Business Firms Under Governments Grants, Contracts, and Cooperative Agreements"

IX. Clean Air Act

Bidder acknowledges that the Clean Air Act (CAA) is the comprehensive federal law regulating air emissions from stationary and mobile sources. Among other things, this law authorizes EPA to establish National Ambient Air Quality Standards (NAAQS) to protect public health and public welfare and to regulate emissions of hazardous air pollutants

X. Clean Water Act.

The contractor hereby agrees to adhere to the provisions which require compliance with all applicable Standards, orders, or requirements issued under section 508 of the clean water act which prohibits the use under non-exempt Federal contracts, grants or loans of facilities included on the EPA list of violating facilities

XI. Energy policy and conservation act

The contractor hereby recognizes the mandatory standards and policies relating to energy Efficiency which is contained in the state energy conservation plan issued in compliance with the energy policy and Conservation act (P.L. 94-163).

Bidders must agree to keep informed of and comply with all federal, state and local laws, ordinances and regulations which affect their employees or prospective employees.

INQUIRY PERIOD

An inquiry period is hereby firmly set for all interested bidders to perform a detailed review of the bid documents and to submit any **written questions** relative thereto. *Without exception*, all questions MUST be in writing.

The City-Parish shall not and cannot permit an open-ended inquiry period, as this creates an unwarranted delay in the procurement cycle and operations of our departments. The City-Parish reasonably expects and requires *responsible and interested* bidders to conduct their in-depth review of the bid document and submit inquiries in a timely manner.

All inquiries shall be received by 5:00p.m. on **October 12, 2020**. **INQUIRIES AND/OR QUESTIONS SHALL NOT BE ENTERTAINED THEREAFTER.**


Inquiries are to be directed as follows:

Arvin F. Jones, Senior Purchasing Analyst
City-Parish Purchasing Department
222 St. Louis Street, Room 826 (Hand Delivery)
Baton Rouge, LA 70802
or
P.O.Box 1471
Baton Rouge, LA 70821
or
Email: afjones@brla.gov
or Fax (225) 389-4841

**CITY OF BATON ROUGE
PARISH OF EAST BATON ROUGE
PURCHASING DIVISION**

GENERAL: The intent of this invitation to bid is to establish prices for a **NEW DUAL THERMOPLASTIC PRE-MELTER TRAILER PACKAGE WITH THERMOPLASTIC APPLICATOR** for the City of Baton Rouge Department of Transportation & Drainage. The evaluation of the services offered and the determination of the lowest responsive and responsible bidder will be the sole responsibility of the Purchasing Division after consultation with the using agency. The brand and model used in this specification is used only to denote the general style, type, character and quality standard of the supplies requested. Please note the brand and model that you are bidding in the designated spaces provided. If bidding other than specified, sufficient information should be enclosed with the bid to in order to determine quality, suitability, compatibility and compliance with the specifications with all other data on the equipment proposed as required in this specifications. If requested, information shall be submitted within 7 days.

Pricing Sheet

ITEM	DESCRIPTION	QTY	UNIT	UNIT PRICE	TOTAL
0001	<p>NEW DUAL THERMOPLASTIC PRE-MELTER TRAILER PACKAGE WITH THERMOPLASTIC APPLICATOR.</p> <p>NEW TRANTEX MODEL TP720eDH or APPROVED EQUAL DUAL THERMOPLASTIC PRE-MELTER TRAILER PACKAGE WITH THERMOPLASTIC APPLICATOR.</p> <p>State Brand and Model # Bidding:</p> <hr/> 	1	EACH	\$ _____	\$ _____

Picture only denotes the general style, type, character and quality standard approved equal.

**CITY OF BATON ROUGE
PARISH OF EAST BATON ROUGE
PURCHASING DIVISION**

Specifications:

GENERAL: The intent of this proposal is to establish a price for a **NEW TRANTEX MODEL TP720eDH or APPROVED EQUAL DUAL THERMOPLASTIC PRE-MELTER TRAILER PACKAGE WITH THERMOPLASTIC APPLICATOR**. These specifications represent standard requirements for the City of Baton Rouge Department of Transportation & Drainage. Bids are evaluated based on the totality of “Yes” responses. “Yes” response(s) provided by bidders that are found to be incorrect during bid evaluation may result in a determination of bid non-responsiveness.

MINIMUM SPECIFICATIONS: NEW TRANTEX MODEL TP720eDH or APPROVED EQUAL DUAL THERMOPLASTIC PRE-MELTER TRAILER PACKAGE WITH THERMOPLASTIC APPLICATOR As a minimum (any non-compliance must be marked “NO”) each item shall be equipped with, and all components bid must be compatible and upon installation create a fully functional piece of equipment.		Comply Meet Specifications		Specify any Deviation from listed Specification (size, dimensions, color, brand, etc.)
		YES	NO	
0001	NEW TRANTEX MODEL TP720eDH or APPROVED EQUAL			
GENERAL:				
Thermoplastic pre-melter trailer with a minimum GVRW rating of 9,990 lbs.				
Unit shall consist of a trailer equipped with dual 720 lb. (1,440 lb. total capacity) thermoplastic pre-melters mounted at the rear of the trailer platform.				
The trailer shall be rigid plumbed to provide fuel to the pre-melter burner system.				
The trailer shall also be equipped with a hydraulic lift gate mounted at the forward left corner of trailer deck for loading the thermoplastic applicator.				
One (1) thermoplastic applicator with variable width bead system shall be included with requested steel extrusion dies.				
WORKMANSHIP AND MATERIALS:				
All equipment furnished and the parts thereof shall be of the manufacturer's latest listed and published stock models that meet all requirements of the specification.				
All design, workmanship, and materials shall in every respect be in accordance with the best current practice in the industry and all materials used shall be new.				
MACHINE AND COMPONENTS FINISH: The complete machine and all components, including tanks, dies, etc., shall have the minimum protective coating described in the following:				
All metal parts and components, unless zinc plated or aluminum shall have one prime coat and one finish coat of paint.				
The prime coat materials shall be specifically compounded for the respective metals to which they are applied.				
The thermoplastic holding tank and dies shall be painted with heat resistant paint designed for temperatures of up to 1200 degrees F.				

MINIMUM SPECIFICATIONS: NEW TRANTEX MODEL TP720eDH or APPROVED EQUAL DUAL THERMOPLASTIC PRE-MELTER TRAILER PACKAGE WITH THEMOPLASTIC APPLICATOR As a minimum (any non-compliance must be marked “NO”) each item shall be equipped with, and all components bid must be compatible and upon installation create a fully functional piece of equipment.	Comply Meet Specifications		Specify any Deviation from listed Specification (size, dimensions, color, brand, etc.)
	YES	NO	
PRE-MELTERS:			
The pre-melters shall be specially fabricated cylindrical steel containers having a capacity to heat 720 pounds each of thermoplastic material.			
Fabrication shall be such to prevent warping or cracking of containers.			
The containers will be built with an outer stainless-steel jacket, insulated to prevent heat loss (no exceptions).			
The cylinders shall have three (3) flue gas vents that exit a minimum of 18" above the top horizontal plate of the pre-melter.			
The three (3) flue vents shall be located with one on each side and one (1) on the top of each container.			
Flue gas vents shall be designed as to not allow rain from entering.			
Due to safety concerns side mounted flue vents on pre-melters are not acceptable.			
The cylinders shall be incased in a uniform cube type stainless-steel enclosure for maintaining temperature of thermoplastic material.			
The inside bottom of the pre-melter cylinders shall be hemispherical and concave for complete emptying of material. Flat bottom tanks are not acceptable.			
MATERIAL FEED SYSTEM:			
The top of the cylinders shall be fitted with a stainless-steel cover housing and feed door of adequate size for charging plastic granules.			
The feed doors shall be minimally sized and sloped to limit potential splash -back of molten material.			
HEATING SYSTEM:			
The temperature of the molten thermoplastic shall be maintained in the pre-melting tanks by a thermostatically controlled LPG heating system, one (1) for each cylinder.			
The LPG heating system shall be furnished with all necessary safety features, connections, fuel lines, and regulators, etc. for connection to propane cylinders.			
GAS THERMOSTAT:			
The heating system main burners shall be controlled by a thermostat with adjustable range from 100 to 500 degrees F.			
The thermostat will be linked by thermocouple to the hot thermoplastic in the holding tanks.			

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	YES	NO	
SYSTEM MAIN BURNERS:			
The system shall have two main burners, with a minimum rating of 100,000 BTU each to provide rapid heating for thermoplastic material.			
For safety and ease of maintenance, the burners shall be mounted onto a drop-down rack.			
AUTOMATIC IGNITION SYSTEM:			
The system main burners shall be equipped with an electronic automatic ignition system for remotely lighting the main burners.			
The automatic ignition system shall be of solid-state components and housed in a weatherproof enclosure.			
The system will automatically shut off gas supply to the burners should the fire accidentally blow out.			
Gas flow to the burners shall be controlled by heavy-duty solenoid providing an absolute on/off type gas flow system to ensure temperature accuracy and operator safety. The use of a hand torch for burner ignition is not allowed.			
PROPANE SYSTEM:			
Two additional bottle racks for spare propane tanks are to be mounted on the trailer.			
The two additional bottles (customer furnished) are to be plumbed to provide fuel to the pre-melter burner.			
The bottle racks shall be integrated into the trailer; bolt-on racks are not acceptable.			
HYDRAULIC AGITATION SYSTEM:			
The pre-melter cylinders shall be equipped with a hydraulically driven agitation system to continuously mix the molten plastic granules.			
The system shall consist of one set of agitator paddles shredding the thermoplastic bags for uniform dispersion of material			
The agitator paddles shall be attached to a one (1") steel shaft driven by a hydraulic pump mounted on the top of the pre-melter cylinders. Chain driven agitator motors shall not be accepted.			
HYDRAULIC POWER SUPPLY:			
The hydraulic power shall be powered by a minimum 9.5 horsepower, electric start, propane fired engine.			

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	YES	NO	
DISCHARGE SYSTEM:			
The pre-melter cylinders shall be equipped with an integral material discharge valve of proper design to function satisfactory when discharging liquid plastic at temperatures upward of 475 degrees F.			
A fold-up discharge chute of proper length and angle to facilitate the loading of the thermoplastic applicator shall be supplied. The chute shall be bolted to the pre-melter and fold up for storage. Chain mounted chutes are not acceptable			
The material outlet is located at the base of the concave tank bottom to allow for complete depletion of all thermoplastic material to prevent build-up of old material. Side mounted openings with flat bottom tanks are not acceptable.			
TRAILER:			
The trailer shall be a minimum of 6' wide x 12' long, constructed of heavy gauge structural steel, double welded at all frame cross member contact points with a GVWR rating of 9,990 pounds.			
3/16th diamond plate decking shall be used.			
Trailer deck shall be coated with a two- part epoxy type non- skid coating to offer secure footing for operator safety.			
For operator safety and ease of access, trailer deck height from the ground shall be a maximum of 25".			
A safety rail shall surround the deck storage area.			
The trailer shall be equipped with a minimum 1000 lb. capacity hydraulic lift gate to load and unload the thermoplastic applicator.			
The lift gate shall be powered by 12-volt vehicle battery and have a platform load area of 66"x37".			
The lift shall be mounted to the side of the trailer and shall be secured in the up or travel position by safety pin and latch.			
The lift gate shall come with a curbside fixed control panel for ease of operation.			
Dual trailer axles shall be spring mounted with a minimum rating of 5,200 pounds each.			
Trailer wheels shall be 15", six (6) lugs with 15" load range D tires.			
The trailer shall be equipped with electric brakes.			
The trailer shall be equipped with rigid piping under the deck to be part of the hydraulic and LP gas systems.			

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	YES	NO	
TRAILER:			
The pipes shall be located in such a way that the remainder of the hydraulic and LP gas plumbing minimizes the use the use of flexible hose.			
Chain tighteners, and chains shall be attached to trailer for the use of securing the applicator to the trailer.			
ICC approved lighting system, wired to a heavy duty quick connect seven (7) pin coupler at the tongue of the trailer shall be supplied, as well as a pintle type hitch with safety chains.			
THERMOPLASTIC APPLICATOR This specification describes the minimum requirements for a 360-pound capacity operator propelled thermoplastic applicator designed to place thermoplastic road marking material on the highway :			
The applicator shall consist of an operator-propelled unit with a 360-pound thermoplastic holding tank (no exceptions allowed), air jacketed and heated with propane fired burner system.			
The tank shall be mounted on a metal framework that will support an extrusion die, the propane supply, and the bead delivery system.			
The framework will be mounted on wheels for application and operation			
FRAMEWORK:			
The rear wheel shall be a heavy the basic frame shall be constructed of tubular steel and able to support the active weight of the machine fully loaded, equal to at least 650 pounds.			
Welding of all components shall have good penetration, good fusion, and good appearance, without evidence of cracks or undercutting, in the best manner of the trade.			
DIMENSIONS:			
Overall length of the applicator, without pointer extended, is to be 48 inches			
Width from side to side to be 30 inches.			
Overall height, excluding pointer in the up position, is to be 39 inches			
Empty weight is to be 240 pounds.			
WHEELS:			
The frame is to be supported by two 10" in diameter airless type front wheels.			
Tires and wheels shall bolt to heavy-duty hubs with precision races and minimum 1" Timken bearings.			
Hubs shall have heavy-duty grease fittings with dust caps and shall be mounted on a minimum 1" axle.			

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WHEELS:			
The rear wheel shall be a heavy-duty swivel caster with a foot actuated straight track locking mechanism and foot actuated parking brake.			
Rear wheel swivel bearing shall be heavy duty with a minimum load capacity of 500 lbs. The unit shall be capable of easy drag-free propulsion by a single operator.			
POINTE GUIDE:			
The applicator shall be equipped with a front mounted pointer guide adjustable for each die size to be used.			
The guide can be automatically lifted and lowered by the operator remotely while in operator's position.			
The guide shall be made of plated steel to prevent rusting.			
CONTROLS:			
The applicator will have adjustable steel handles convenient for the operator to operate and maneuver the applicator. Aluminum control handles will not be accepted.			
Also located convenient to the operator will be the shut-off valve on the propane bottle, valves for die burners, the LP gas regulator, the die control handle, the control for the thermoplastic material gate, bead control lever for drop-on beads, and material agitator.			
TOOL KIT:			
Unit shall be supplied with a tool kit for performing routine maintenance.			
PROPANE SYSTEM:			
The propane system shall consist of a 20-pound cylinder (customer furnished), a system regulator, and related hoses rated for use with LPG systems.			
The system shall provide propane fuel to the main burner and the stainless-steel jet burners on the applicator and extrusion dies.			
HEATING SYSTEM:			
The unit shall operate from a high-pressure LP fuel system.			
Minimum operating pressure shall be adjustable from 4-7 PSI.			
The temperature of the molten thermoplastic shall be heated in the holding tank by a replaceable main burner with a minimum rating of 75,000 BTU to provide rapid heating of material.			

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HEATING SYSTEM:			
The LPG heating system shall be furnished with all necessary safety features, connections, fuel lines, regulators, etc. for connection to a propane cylinder.			
Lighting of the system main burner shall be via an Automatic Ignitor.			
The unit shall be equipped with a hand torch for safe lighting of all other burners.			
An inspection door in the material tank shall allow for safe lighting of the burners via a hand-held torch supplied with the applicator for operator safety.			
Stainless steel jet burners shall be fitted at all material transfer valves and, on each application, die to assure proper operation of all functions. Units that heat general areas with the use of radiant heat will not be accepted.			
THERMOPLASTIC TEMPERATURE CONTROL:			
The heating system will be equipped with a pilot light and pilot safety valve connected with a thermocouple.			
The heating system main burner shall be controlled by a gas thermostat with adjustable range up to 500 degrees F.			
The thermostat will be linked by thermocouple to the hot thermoplastic in the holding tank.			
Temperature gauge with readings up to 500 degrees F shall be mounted into a moisture proof enclosure.			
HOLDING TANK:			
The holding tank for the machine shall have a thermoplastic storage capacity of 360 pounds in a vertical, air jacketed, all steel construction material tank			
The tank will be designed to allow rapid, safe, easy removal of the tank for changing of material colors or cleaning.			
The top shall have two hinged lids for material loading and inspection with a safety locking mechanism to prevent potential for splashing out of molten material.			
The tank shall have a recessed opening at the bottom to transfer hot plastic to the extrusion die for application.			
This opening is recessed to allow complete depletion of all thermoplastic material in the holding tank thereby preventing build up of material.			
Material outlet valve shall be a precision adjustable slide gate. A molasses-type valve will not be acceptable.			

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HOLDING TANK:			
A removable filter screen shall be provided to allow for filtering of foreign matter from hot molten material during loading from a thermoplastic melting kettle			
MIXER: Material agitation shall be provided by an Auger Agitation System.			
This system maintains consistent temperature throughout the tank to prevent incomplete mixing and scorching and also prevents glass beads from settling out of the thermoplastic.			
BEAD HOPPER AND HOSE:			
A separate all steel construction glass bead hopper with a capacity of at least 50 pounds of glass spheres shall be mounted on rear of the applicator.			
The hopper shall be connected to the bead dispenser with a see-through flexible bead hose to monitor bead flow and a positive on off cut off valve.			
BEARD DISPENSER:			
The glass spheres shall be spread on the road surface by an automatic bead dispenser.			
An on-off lever shall be provided that operates independently of the die position and operation.			
The bead dispenser shall be rigidly driven via a gear type transmission that is chain driven by the front wheel's axle to provide no-slip, positive dispensing of glass beads. Frictional tire driven dispensers or dispensers that rely on gravity are not allowed.			
Adjustability in amount of flow of beads shall be controlled without the use of additional tools.			
The operator shall be able to engage the header independently of the extrusion die with a separate actuation lever. Die actuation bead systems are not acceptable.			
Beader shall be of all steel construction and rust proof.			
The beader shall not interfere in any way with the operator's view of the newly installed thermoplastic line.			
The bead dispenser shall be designed so that variable width lines of 4", 6", 8", 12" and dual 4" widths can be achieved by fingertip adjustments without the use of additional tools.			
The bead dispenser must be adjustable from 1 ½” to 3" above the road surface and from 6" to 12" behind the extrusion die. Static positioned dispensers are not acpt.			

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Quick change Thermoplastic Extrusion Dies: The following thermoplastic dies are to be furnished:			
1 each 6" width die			
1 each 8" width die			
1 each 12"width die			
The die walls are to be constructed of 3/16" heat-treated steel plate (aluminum not permitted), with a maximum weight of 30 pounds for a 4" die and 52 pounds for a 12" die.			
The die will have a set of replaceable tungsten carbide runners that ride on the pavement surface.			
The die shall be attached to a swivel mount that allows the die to float both laterally and horizontally on the pavement surface without the need for additional weights			
The die and all components shall be designed for quick and easy tool-free removal for changing of line width.			
The Quick-change Die System allows changing of dies to be accomplished within seconds and requires no tools. Dies that require tools for changing are not permitted.			
Each die is to be controlled by a single handle convenient to the operator.			
This handle will serve the function of setting or removing the die on the pavement and opening or closing the die to extrude thermoplastic.			
The opening and closing of the die shall be attained by pushing in or pulling out on the handle. Lift and drop die actuation or dies that require die springs are not acceptable.			
The die handle shall have a safety stop to prevent the accidental opening of the die when off the pavement surface.			
Each die shall be heated with its own set of stainless-steel jet burners to maintain material and die temperature during applications. Frame mounted jet burners (non-die mounted) are not acceptable.			
The die burners shall be connected to the frame LPG supply by flexible gas hoses and quick disconnect fittings.			
The die jet burners shall be individually controlled control valves			
Each die shall be fully adjustable to apply extruded material from .000 inch to .150 inch thick.			

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DELIVERY AND ACCEPTANCE:			
Price shall include all costs of delivery to location specified by the agency.			
Vendor shall supply and furnish all title documents for the specified equipment.			
TECHNICAL SERVICE:			
The successful bidder shall provide a factory trained technician for one (1) day of instruction in the operation and maintenance of the equipment.			
The technical training shall be at a time scheduled by the user agency.			
WARRANTY:			
The Manufacturer shall warranty all parts for defective material and workmanship for a period of 180 days after delivery and acceptance by the user agency.			

DEVIATION NOTES SHOULD BE ATTACHED:

**BIDDER'S ORGANIZATION
BIDDER IS:**

AN INDIVIDUAL

Individual's Name: _____

Doing business as: _____

Address: _____

Telephone No.: _____ Fax No.: _____

A PARTNERSHIP

Firm Name: _____

Address: _____

Name of person authorized to sign: _____

Title: _____

Telephone No.: _____ Fax No.: _____

A LIMITED LIABILITY COMPANY

Company Name: _____

Address: _____

Name of person authorized to sign: _____

Title: _____

Telephone No.: _____ Fax No.: _____

A CORPORATION

IF BID IS BY A CORPORATION, THE CORPORATE RESOLUTION SHOULD BE SUBMITTED WITH
BID.

Corporation Name: _____

Address: _____

State of Incorporation: _____

Name of person authorized to sign: _____

Title: _____

Telephone No.: _____ Fax No.: _____

**IF BID IS BY A JOINT VENTURE, ALL PARTIES TO THE BID SHOULD COMPLETE THIS
FORM.**

CORPORATE RESOLUTION

A meeting of the Board of Directors of _____ a _____ corporation organized under the laws of the State of _____ and _____ domiciled in _____ was held this _____ day of _____, 20__ and was attended by a quorum of the members of the Board of Directors.

The following resolution was offered, duly seconded and after discussion was unanimously adopted by said quorum:

BE IT RESOLVED, that _____ is hereby authorized to submit proposals and execute agreements on behalf of this corporation with the City of Baton Rouge, and Parish of East Baton Rouge.

BE IT FURTHER RESOLVED, that said authorization and appointment shall remain in full force and effect, unless revoked by resolution of this Board of Directors and that said revocation will not take effect until the Purchasing Director of the Parish of East Baton Rouge, shall have been furnished a copy of said resolution, duly certified.

I, _____, hereby certify that I am the Secretary of _____, a corporation created under the laws of the State of _____ domiciled in _____; that the foregoing is a true and exact copy of a resolution adopted by a quorum of the Board of Directors of said corporation at a meeting legally called and held on the _____ day of _____, 20__, as said resolution appears of record in the Official Minutes of the Board of Directors in my possession.

This _____ day of _____, 20__.

SECRETARY